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Complete and send this form, together with applicable fee(s), to: Mail

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CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590

02/18/2004

Paul & Paul
2900 Two Thousand Market Street
Philadelphia, PA 19103

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Dara Salgado	(Depositor's name)
<i>Dara Salgado</i>	(Signature)
May 14, 2004	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/772,457	01/30/2001	Kenji Nakamura	021-01	7152

TITLE OF INVENTION: METHOD OF PLATING FOR FILLING VIA HOLES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	05/18/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
LEADER, WILLIAM T	1742	205-123000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Paul & Paul

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Shinko Electric Industries Co., Ltd.

Nagano, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 16-0750 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) Derek S. Jessen (Date) 5-14-04

Derek S. Jessen Reg. No. 48,213

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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05/18/2004 HUUONG2 00000039 09772457

01 FC:1504

300.00 OP

02 FC:1501

1330.00 OP

TRANSMIT THIS FORM WITH FEE(S)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 09/772,457
Filed: January 30, 2001
Inventor: Kenji Nakamura
Title: **Method of Plating for
Filling Via Holes**
Attny Doc. No.: 021-01
Art Unit: 1742
Examiner: William T. Leader

Certificate of Class Mail

I hereby certify that this correspondence is being deposited with the United States Post Office as "First Class Mail" under 37 C.F.R. §1.8 on the date indicated below and is prepaid in an envelope addressed to: Mail Stop Issue Fee Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on: May 14, 2004


Dara Salgado

COVER LETTER WITH CERTIFICATE OF FIRST CLASS MAIL

Mail Stop Issue Fee
Commissioner for Patents
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Alexandria, VA 22313-1450

Sir:

Enclosed and attached hereto are the following:

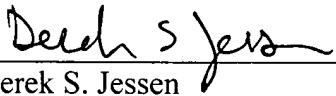
- 1) Cover Letter with Certificate of Mailing;
- 2) Issue Fee Transmittal;
- 3) Check in the amount of \$1630.00; and
- 4) Postcard to be date-stamped and returned.

No additional fees are believed to be required. In the event that an additional fee is required with respect to this communication, the Commissioner is hereby authorized

to charge any additional fees, or credit any overpayment, to Paul & Paul Deposit Account No.16-0750.

Respectfully submitted,

Date: May 14, 2004


Derek S. Jessen
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2900 Two Thousand Market Street
Philadelphia, PA 19103
(215) 568-4900

Order No.: 2274